

SECURITY INFORMATION
CENTRAL INTELLIGENCE AGENCY

REPORT NO

INFORMATION REPORT

CD NO.

25X1A

COUNTRY USSR (Ulyanovsk Oblast)

DATE DISTR. 17 March 1952

SUBJECT **Power Plant in Ulyanovsk**

NO. OF PAGES 3

PLACE
ACQUIRED

NO. OF ENCLS. 3 @
(LISTED BELOW)

DATE OF INFO.

**SUPPLEMENT TO
REPORT NO.**

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DO NOT CIRCULATE

1. Location:

Northwest of Ulyanovsk (48°24'E/54°19'N), Ulyanovsk Oblast, some hundred meters west of the small river Sviyaga, north of the motor vehicle plant.

2. Plant installations:

The construction of the power plant started in 1945. The machinery came from the Babcock and Wilcox Firm in England. The installation of eight turbines was planned, but only two turbines were in operation by the end of 1949. A railroad connection is available. The plant is connected with the motor vehicle plant by a road. For plant layout see Annex 1.
For sketch of the main building see Annex 2.
For top view of the main building see Annex 3.

3. Work force:

- a. 1,200 PWs going construction
- b. 120 Soviets, technical employees.

- 4.
- Capacity:

Two turbines with a capacity of 25,000 kws each. The foundations for two other turbines of the same size were completed.

- Annexes:
1. Power Plant in Ulyanovsk
 2. Side View of the Turbine House as seen from the West
 3. Top View of the Main Plant Building

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Legend to Annex 1:

A. Power plant

- 1 Turbine house, iron structure with brick work, 120 x 60 x 35 meters, built in the form of steps with skylights at the highest part, for details see Annex 2 and 3
- 2 Administration, 80 x 30 meters
- 3 Smokestack, 70 meters high
- 4 Coal hoisting installation
- 5 Coal mill, 10 x 12 x 12 meters
- 6 Coal lift and surface conveyor belt
- 7 Underground conveyor belt
- 8 Coal storage bunker, 60 tons capacity
- 9 Coal storage bunker, 400 tons capacity
- 10 Tower with water filter installation, 25 meters high
- 11 Outdoor transformer station, 50 x 60 meters
- 12 Pump station
- 13 Cooling basin, 60 x 60 meters, 2 meters deep
- 14 Water pipe, concrete, 1 meter in diameter
- 15 Iron sewage pipe, 60 cm in diameter
- 16 Water intake pipe
- 17 Water pipe, 50 cm in diameter, 4½ meters underground
- 18 Pump station, 40 x 8 x 3 meters, 3 meters deep
- 19 Dam, 100 meters long, 2 meters high, the water level being raised about 1.2 meters, the water intake pipes of the pump station are under water.
- 20 Power transmission line to town

B. Automobile plant

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Legend to Annex 3:

- 1 Boiler house
 - a Four completed boilers
 - b Two boiler foundations
 - c Coal storage bunker
 - d Coal hoist
 - e Coal mill
- 2 Turbine house
 - a Two operating turbines
 - b Two turbine foundations
- 3 Switching station
- 4 Transformer station
- 5 Administration
- 6 Extension of coal hoist, supported by concrete pillars
- 7 Smokestack with smoke census 3 meters above surface
- 8 Planned enlargement of the building by about 120 meters

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